

U-1000 RV FV



ELETTROTEK KABEL® U-1000 RV FV

Construction:

Conductor:	solid or stranded red copper conductor Cl. 1 or 2, acc. to IEC 60228
Insulation:	XLPE compound
Colour cores:	acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
Wrapping:	non fibrous and not hygroscopic filler
Inner sheath:	PVC compound
Armour:	steel tape
Outer sheath:	black (RAL 9005),PVC compound

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1

Technical data:

Nominal voltage:	0,6/1 kV
Test voltage:	4 kV
Temperature range:	- 15 °C / + 90 °C
Min. bending radius	
<i>Fixed laying:</i>	8 x d
<i>Flexible application:</i>	16 x d

Features:

according to IEC 60502-1

according to NFC 32-321 C32-321/A1

Applications:

For use in industrial sites and the upright columns of buildings. particularly suited in cases of high resistance to solar radiation and atmospheric agents is required good resistance to low temperatures and chemical agents. Can be used without additional mechanical protection in the open air, fixed to walls or in raceways, inside walkways, and in empty in constructions in general. can be laid underground with mechanical protection constructed from slab, tiles, or bricks. It is no recommended to lay this cable in ground flooded for more than two months for year. With appropriate mechanical protection it can be use in areas subject to risk of explosion, but in this case the permitted current load is reduced by 15% It can be used in ambient temperatures down to - 25°.

INDUSTRIAL LOW VOLTAGE CABLES

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Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
46240G72031M64	3G35	26	1008	1700	2
46240G72031M65	3G50	29	1440	2195	1
46240G72031M66	3G70	34	2016	3015	2/0
46240G72031M67	3G95	38,5	2736	4300	3/0
46240G72031M68	3G120	42,5	3456	5250	4/0
46240G72031M69	3G150	47,5	4320	6480	250 MCM
46240G72031M70	3G185	53	5328	8020	350 MCM
46240G72031M71	3G240	59,5	6912	10170	450 MCM
46240G72031M72	3G300	66	8640	12170	550 MCM
46240G72041M15	4G1,5	12	59,4	278	16
46240G72041M25	4G2,5	13	96	344	14
46240G72041M40	4G4	14,5	153,6	430	12
46240G72041M60	4G6	16	230,4	579	10
46240G72041M61	4G10	18,5	384	799	8
46240G72041M62	4G16	21	614,4	1096	6
46240G72041M63	4G25	25,5	960	1610	4
46240G72041M64	4G35	28,5	1344	2090	2
46240G72041M65	4x50	32,5	1920	2710	1
46240G72041M66	4x70	39,5	2688	4180	2/0
46240G72041M67	4x95	44	3648	5320	3/0
46240G72041M68	4x120	49,2	4608	6750	4/0
46240G72041M69	4x150	54	5760	8110	300 MCM
46240G72041M70	4x185	59,5	7104	9990	350 MCM
46240G72041M71	4x240	67	9216	12730	500 MCM
46240G72041M72	4x300	73,5	11520	15500	600 MCM
46240G72035M64	3x35+1x25	28,5	1248	2000	2
46240G72035M65	3x50+1x35	31,1	1776	2575	1
46240G72035M66	3x70+1x50	36,2	2496	3560	2/0
46240G72035M67	3x95+1x50	40,6	3216	4810	3/0
46240G72035M68	3x120+1x70	45,4	4128	6100	4/0
46240G72035M69	3x150+1x70	49,5	4992	7225	250 MCM
46240G72035M70	3x185+1x70	54,4	6000	8650	350 MCM
46240G72035M71	3x240+1x95	61,5	7824	11020	450 MCM
46240G72051M15	5G1,5	13	72	310	16
46240G72051M25	5G2,5	14,5	120	390	14
46240G72051M40	5G4	16	192	495	12
46240G72051M60	5G6	17,5	288	645	10
46240G72051M61	5G10	20	480	910	8
46240G72051M62	5G16	23	768	1290	6
46240G72051M63	5G25	28	1200	1900	4
46240G70071M15	7G1,5	13,5	100,8	245	16
46240G70071M25	7G2,5	15	168	335	14
46240G70121M15	12G1,5	17	172,8	370	16
46240G70121M25	12G2,5	19,5	240	520	14
46240G70191M15	19G1,5	19,5	273,6	530	16
46240G70191M25	19G2,5	22,5	456	750	14
46240G70241M15	24G1,5	22,5	345,6	650	16
46240G70241M25	24G2,5	25,5	576	930	14
46240G73020M15	2x1,5	11,7	28,8	210	16
46240G73020M25	2x2,5	12,5	48	253	14
46240G73020M40	2x4	13,7	76,8	311	12
46240G73020M60	2x6	15	115,2	409	10
46240G73020M61	2x10	16,7	192	548	8
46240G73020M62	2x16	18,7	307,2	720	6
46240G73020M63	2x25	22,2	480	1110	4
46240G73020M64	2x35	24,7	672	1400	2
46240G73030M15	3x1,5	12,2	43,2	240	16
46240G73030M25	3x2,5	13	72	295	14
46240G72031M40	3G4	14,2	115,2	365	12
46240G72031M60	3G6	15,7	172,8	491	10
46240G72031M61	3G10	17,5	288	665	8
46240G72031M62	3G16	19,7	460,8	898	6
46240G72031M63	3G25	23,5	720	1320	4

Other dimensions and colours available on request.